

Title (en)
PROTEIN TYROSINE PHOSPHATASES OF HEMATOPOIETIC CELLS

Title (de)
PROTEIN TYROSIN-PHOSPHATASEN VON HEMATOPOIETISCHEN ZELLEN

Title (fr)
PROTEINE TYROSINE PHOSPHATASES DE CELLULES HEMATOPOIETIQUES

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Abstract (en)
[origin: WO9735019A1] This invention concerns new non-receptor protein tyrosine phosphatases of the hematopoietic stem cells (PTP HSC). The invention specifically concerns native murine and human PTP HSCs, their analogs in other mammals, and their functional derivatives. The invention further relates to nucleic acid encoding these proteins, vectors containing and capable of expressing such nucleic acid, and recombinant host cells transformed with such nucleic acid. Assays for identifying agonists and antagonists of the native PTP HSCs, methods for expansion of undifferentiated stem cells, and methods for the induction of stem cell differentiation are also within the scope of the invention.

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